

Figure 1

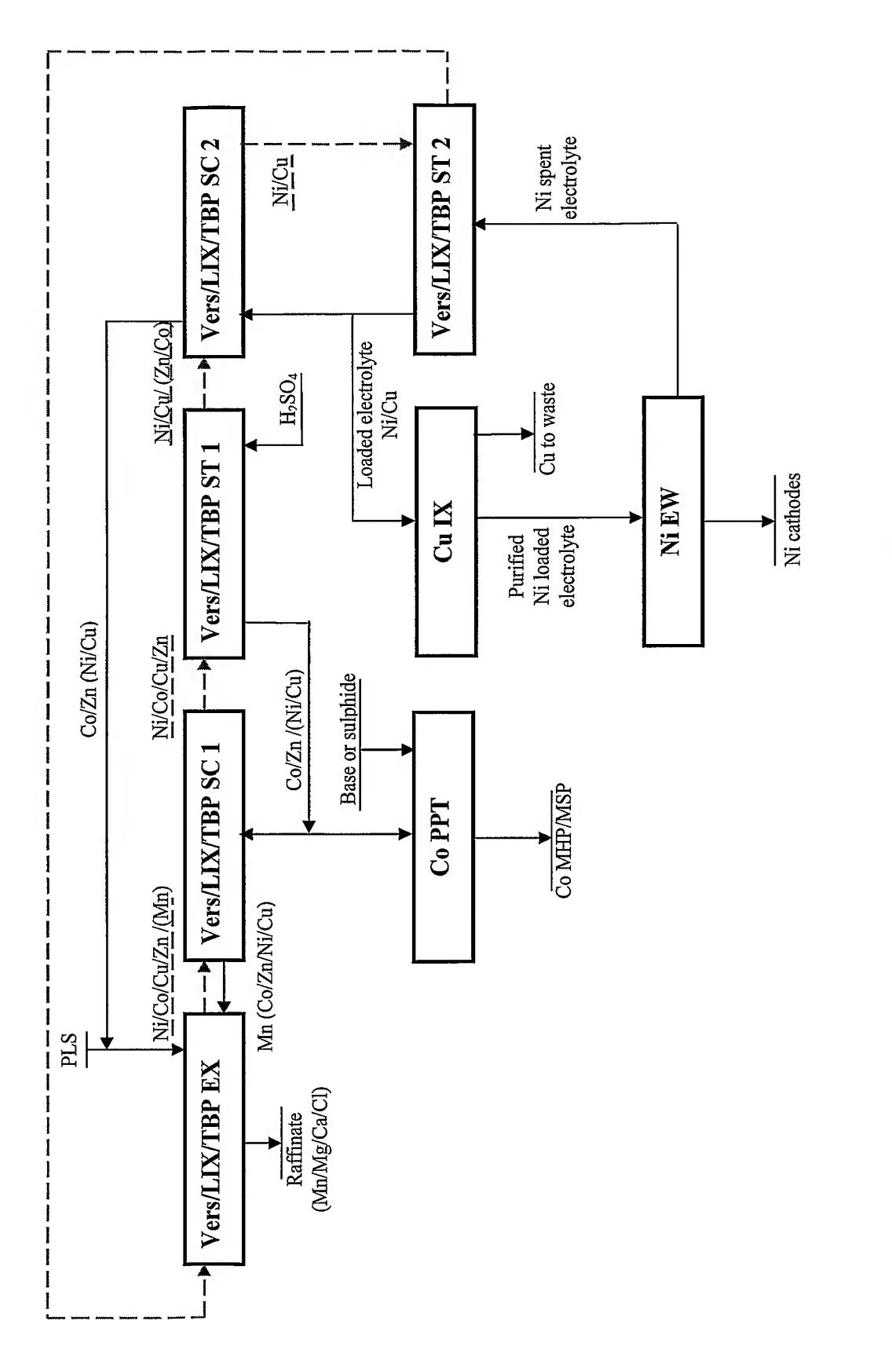
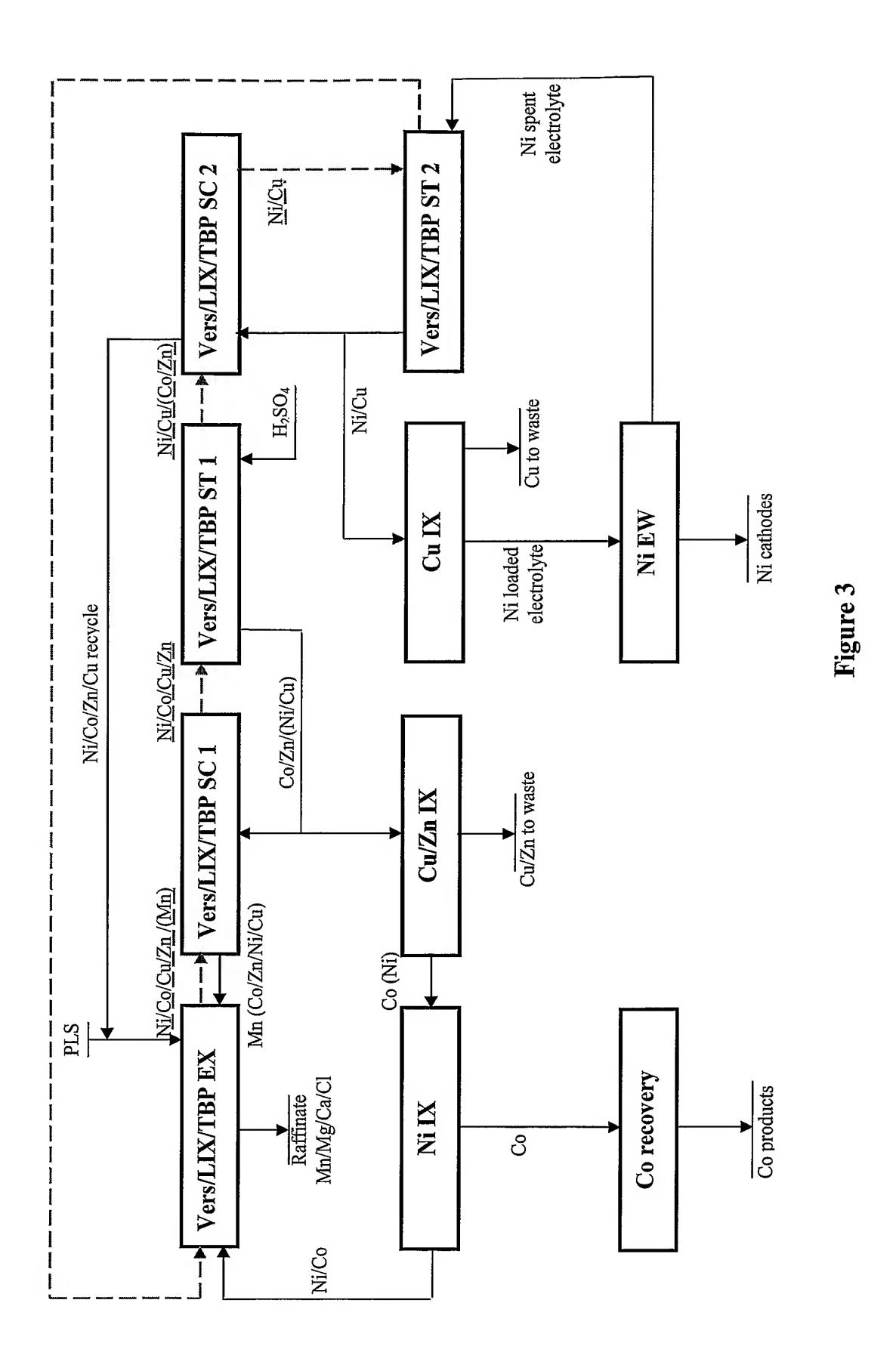
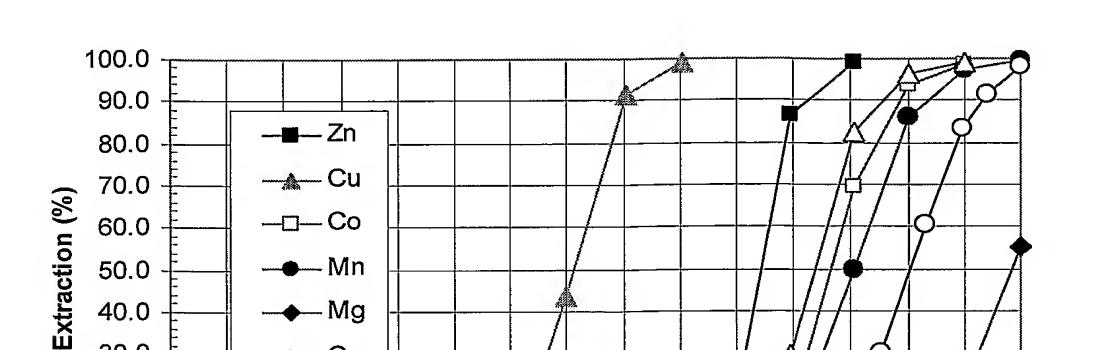


Figure 2





— Mn

→ Mg

o Ca

50.0

40.0

30.0

20.0

10.0

0.0 🗐

Figure 4

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0

Equilibrium pH

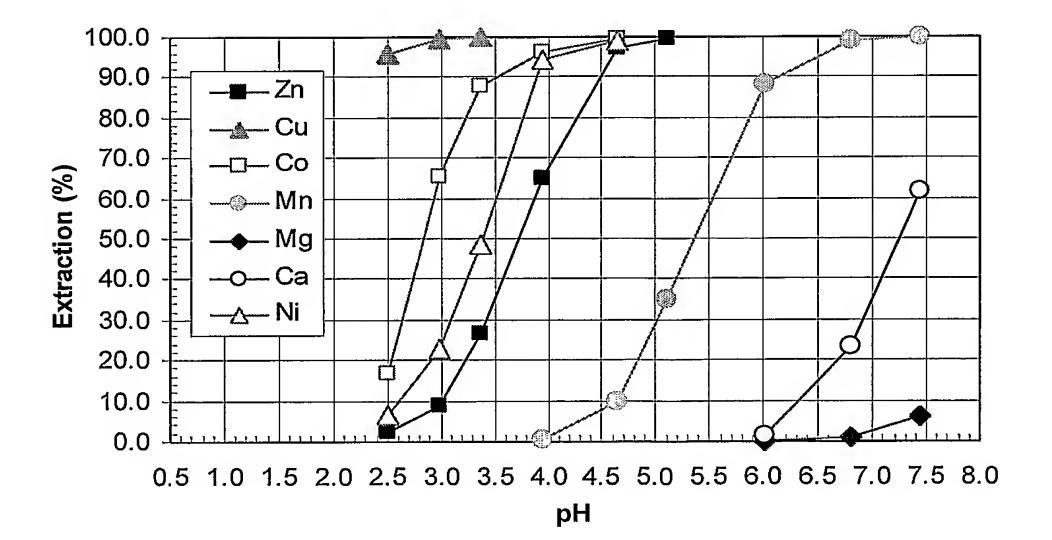


Figure 5

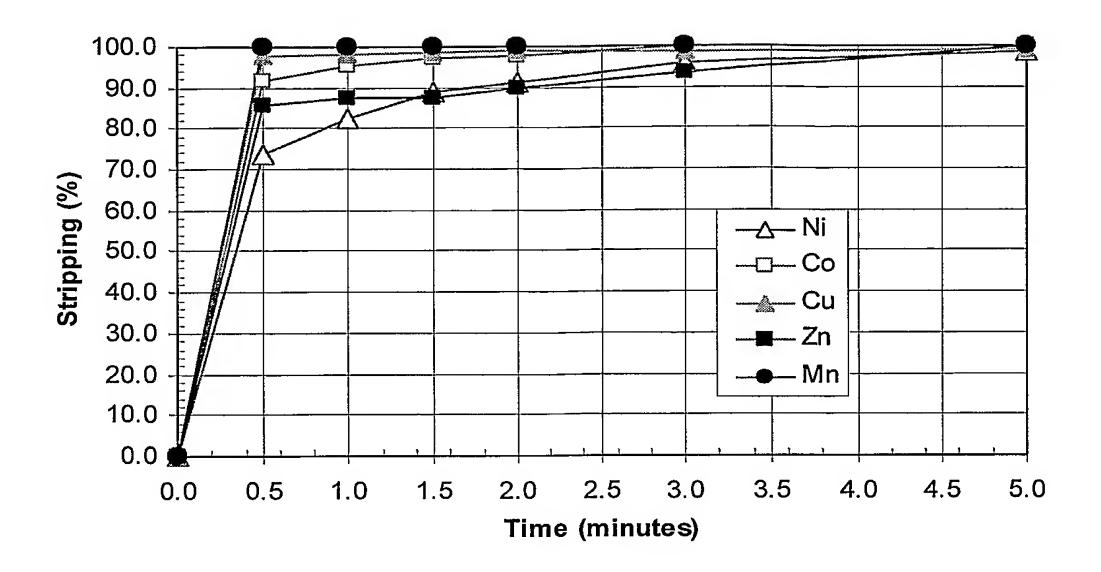


Figure 6

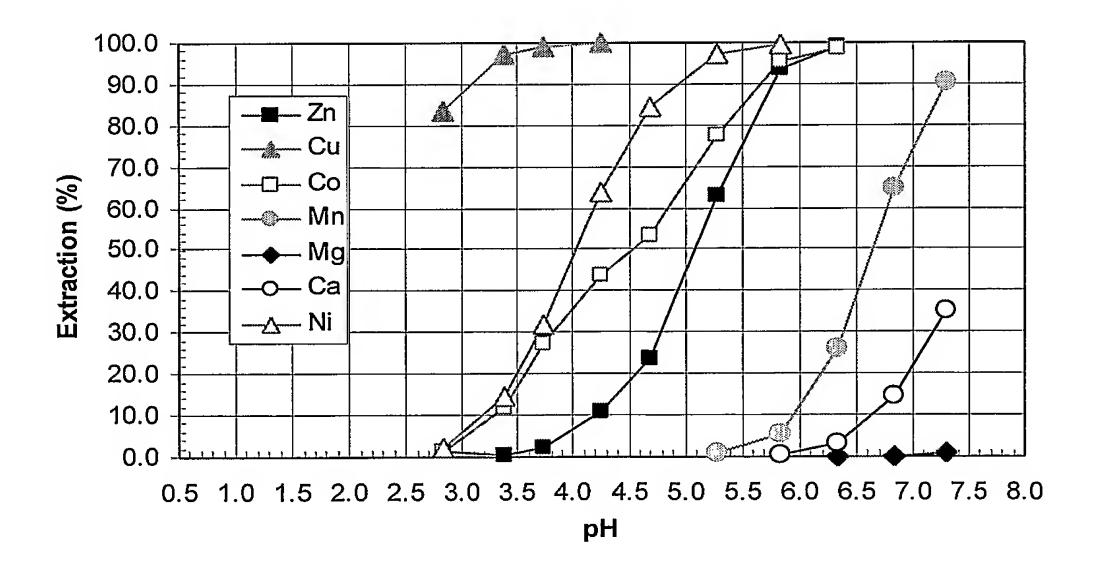


Figure 7

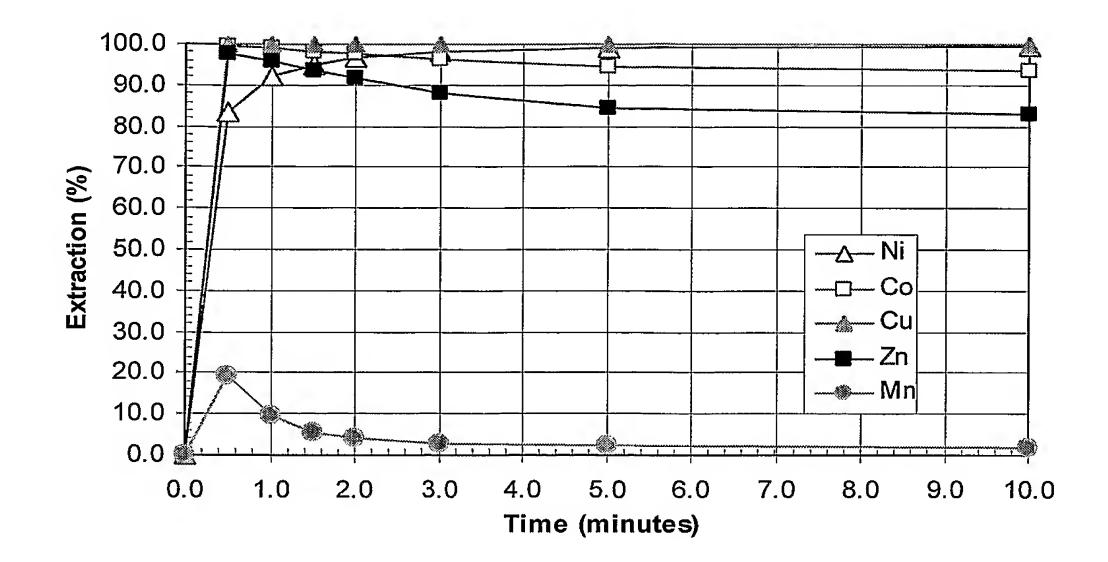


Figure 8

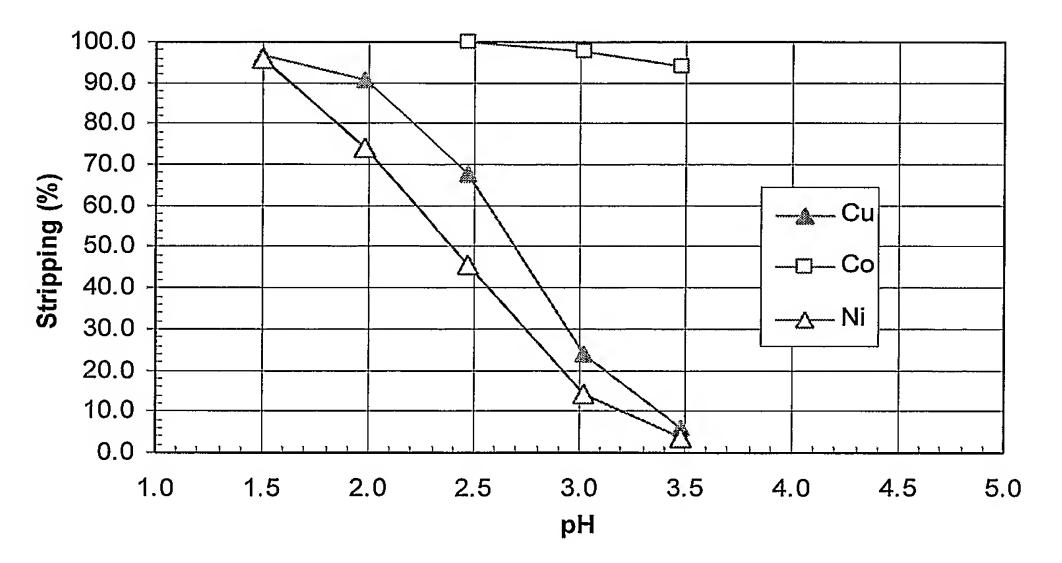
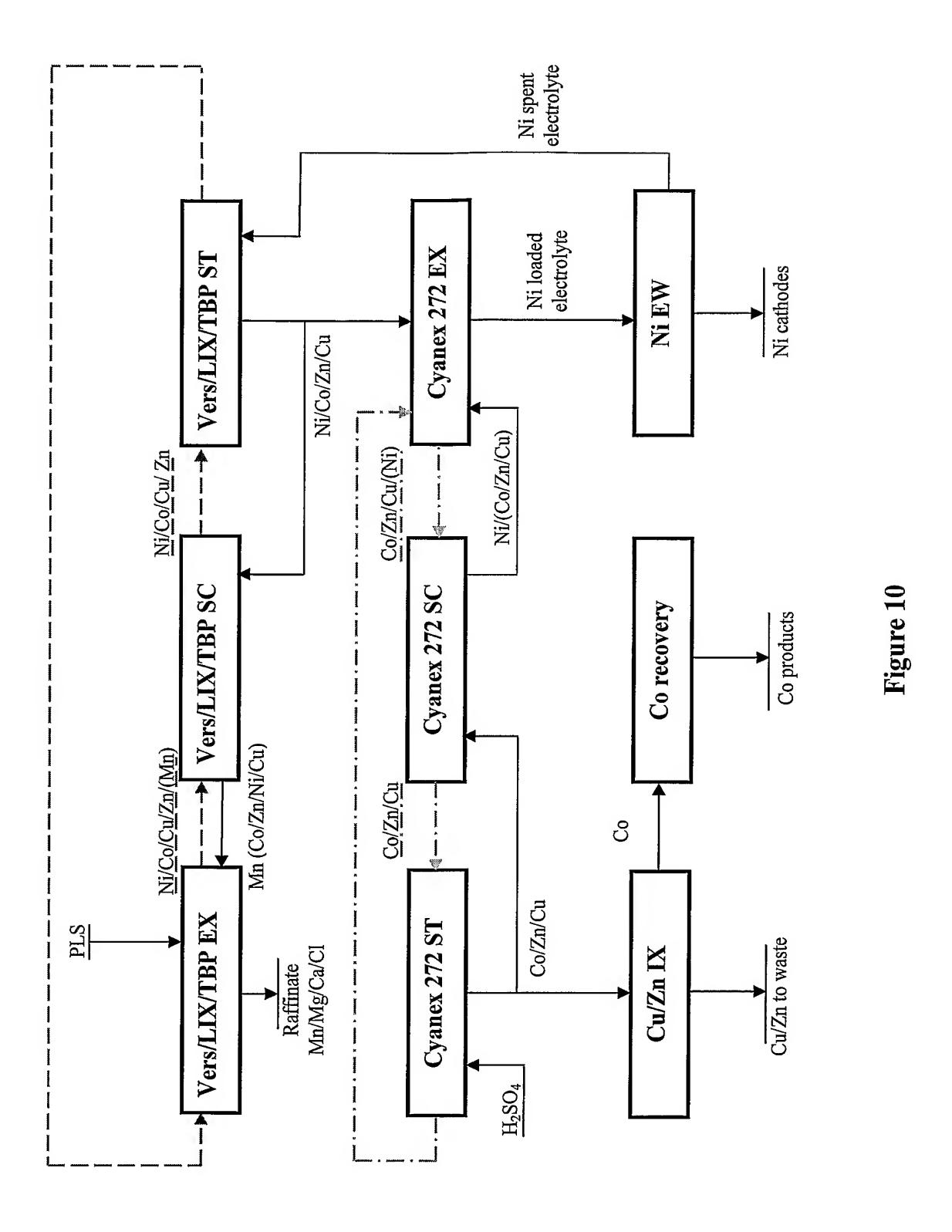


Figure 9



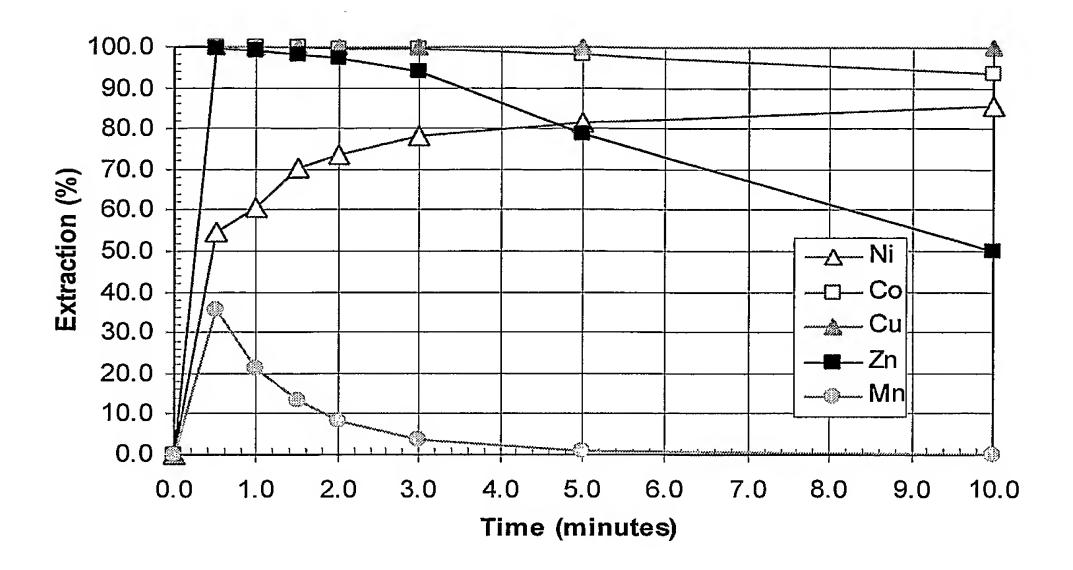


Figure 11

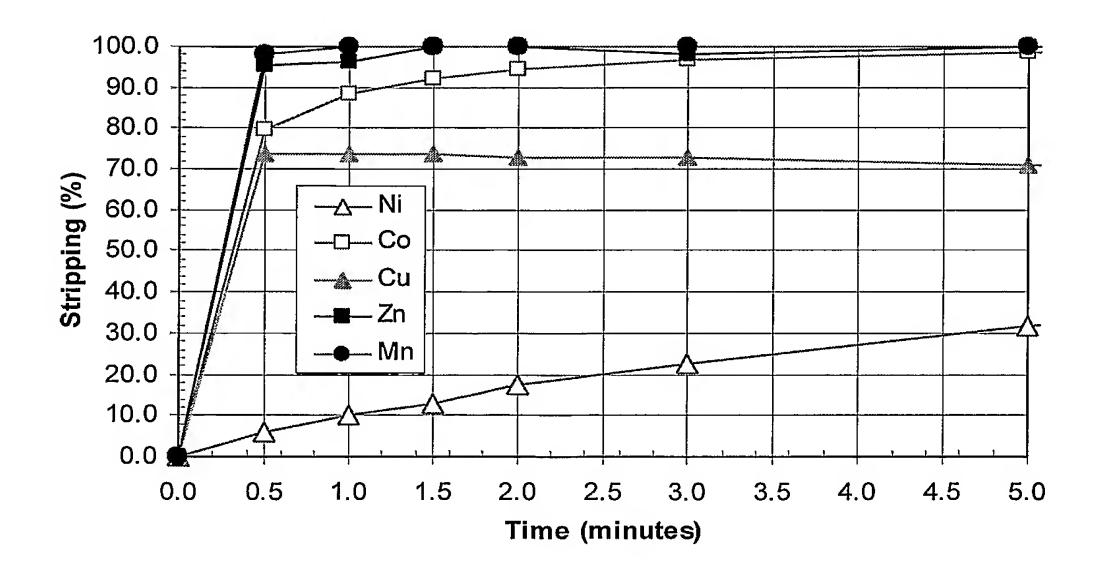


Figure 12

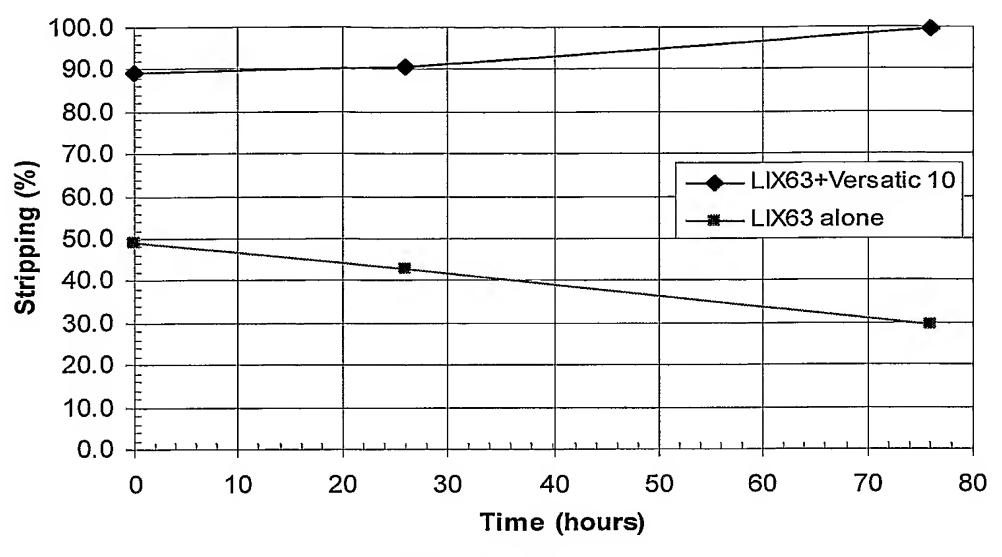


Figure 13